ммм ммм ммм ммммм ммммм мммммм	amm amm amm amm s	\$	66666666666666666666666666666666666666	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF		LLL LLL LLL
MMMM MMMMM		SS	GGG	FFF	İİİ	řřř
MMMM MMMM		SS	666	FFF	111	LLL
	MM S	SS	666	FFF	111	LLL
		SS	666	fff	<b>‡ ‡ ‡</b>	LLL
	amm s amm	\$\$	666	fff	111	LLL
	MM	\$\$\$\$\$\$\$\$\$	666	FFFFFFFFFFF FFFFFFFFF	<b>‡ ‡ ‡</b>	LLL
	IMM IMM	\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$	666	FFFFFFFFFF	111	LLL
	IMM		GGG GGG GGGGGGGG	FFF	<b>‡ ‡ ‡</b>	LLL
	MM	\$\$\$ \$\$\$	GGG GGGGGGG	FFF	† † †	LLL
	IMM	\$\$\$	GGG GGGGGGGG	FFF	† † †	
	IMM	\$\$\$	GGG GGG	FFF	†††	
	MM	\$\$\$	GGG GGG	FFF	† † †	LLL
	MM	\$\$\$	GGG GGG	FFF	111	lll
		SSSSSSSSS	GGGGGGGG	FFF	111111111	1111111111111
		5555555555	ĞĞĞĞĞĞĞĞ	FFF	11111111	11111111111111
		\$\$\$\$\$\$\$\$\$\$\$\$	GGGGGGGG	FFF	iiiiiiiii	

MM MM EEEEEEEEE SSSSSSS SSSSSSS AA AA GGGGGG EEEEEEEEE .
--

MM MMMM MM MM MM MM MM MM MM MM MM PP PP PP 

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## ! Object Module Synopsis!

Module Name	Ident	Bytes	File		Creation Date	Creator
MAIN	V04-000	7969	[MSGFIL.OBJ]M	MESSAGE.OLB;1	16-Sep-1984 02:02	VAX-11 Bliss-32 V4.0-742
LISTING PARSE	V04-000 V04-000	1118 5393	[MSGFIL.OBJ]M [MSGFIL.OBJ]M	MESSAGE OLB;1	16-Sep-1984 02:02 16-Sep-1984 02:15 16-Sep-1984 02:05 16-Sep-1984 02:10	VAX-11 Bliss-32 V4.0-742 VAX-11 Bliss-32 V4.0-742
MDLGEN	v04-000	1585	[MSGFIL.OBJ]M	MESSAGE.OLB:1	16-Sep-1984 02:05 16-Sep-1984 02:10	VAX-11 Bliss-32 V4.0-742
MESSAGES OBJECT	0 V04-000	42 3922	[MSGFIL.OBJ]M [MSGFIL.OBJ]M	MESSAGE OLB;1	16-SEP-1984 02:18 16-Sep-1984 02:13	VAX-11 Message V04-00 VAX-11 Bliss-32 V4.0-742
SDLGEN	V04-000	2351	[MSGFIL.OBJ]M	IÉSSAGE.OLB:1	16-Sep-1984 02:11	VAX-11 Bliss-32 V4.0-742
CLISINTERFACE CLISGLOBALS	V04-000 V04-000	516	_\$255\$DUA28:[	SYSLIBISTARLET.OLB;2 SYSLIBISTARLET.OLB;2	16-Sep-1984 00:32 15-SEP-1984 23:38	VAX-11 Bliss-32 V4.0-742 VAX/VMS Macro V04-00
SYSSP1 VECTOR	V04-000	ŏ	~\$255\$DUA28:[	SYSLIB]STARLET.OLB:2	16-SEP-1984 00:40	VAX/VMS Macro VO4-00
LIBRTL	<b>V04-000</b>	0	_\$255\$DUA28:[	SYSLIBJLIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker VO4-00

\_\$255\$DUA28:[MSGFIL.OBJ]MESSAGE.EXE;1

J 10 16-SEP-1984 04:35

VAX-11 Linker V04-00

. Image Section Synopsis!

Cluster	Type	Pages	Base Addr	Disk VBN PF	<u>C</u>	Prote	ction	and Pag	ing	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	253	20 23 1 1 20	00000200 00000800 00003000 P-00005E00 00006000 7fffD800	2 5 25 48 49 0	00	READ READ READ	ONLY WRITE ONLY WRITE WRITE WRITE	COPY	ON REF ON REF P VECTORS ZERO	5			
LIBRTL	3	111	00000000- 0000DE00-	R 0	0	READ	ONLY WRITE	DEMAND	ZERO	LIBRTL_001 LIBRTL_002	LESS/EQUAL LESS/EQUAL	1	11 11

Key for special characters above:

- Relocatable ! - Protected !

! Program Section Synopsis !

Psect Name	Module Name	Base	End	Length	Align	Attributes	
\$PLIT\$	MAIN LISTING PARSE MDLGEN OBJECT SDLGEN	00000200 00000200 000002A8 00000388 000004E4 0000055CC	00000703 000002A7 00000387 000004E3 0000052F	00000504 ( 000000A8 ( 000000E0 ( 0000015C ( 0000004C ( 0000009C ( 00000138 (	1284.) LONG 2 168.) LONG 2 224.) LONG 2 348.) LONG 2 76.) LONG 2 156.) LONG 2 312.) LONG 2	NOPIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, NOWRT, NOVEC
\$GLOBAL\$	MAIN PARSE	00000800	00000B9F	00000490 ( 000003A0 ( 000000F0 (	1168.) LONG 2 928.) LONG 2 240.) LONG 2	NOPIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, WRT, NOVEC
SOUNS	MAIN LISTING PARSE MDLGEN OBJECT SDLGEN	000000090 00002010 00002038 00002418 00002580	00002ED7 0000201B 00002037 00002417 0000257F 00002D87 00002ED7	0000138C ( 0000001C ( 000003E0 ( 00000168 ( 00000808 (	8776.) LONG 2 5004.) LONG 2 28.) LONG 2 992.) LONG 2 360.) LONG 2 2(56.) LONG 2 336.) LONG 2	NOPIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, WRT, NOVEC
\$CODE\$	MAIN LISTING PARSE MDLGEN OBJECT SDLGEN CLISINTERFACE	00003000	00004904 00004FB5 0000565E	0000074D ( 00000362 (	10340.) LONG 2 1869.) LONG 2 866.) LONG 2 2513.) LONG 2 1149.) LONG 2 1710.) LONG 2 1703.) LONG 2 516.) LONG 2	NOPIC, USR, CON, REL, LCL, NOSHR, EXE,	RD, NOWRT, NOVEC
_LIB\$KEYO\$	PARSE			00000036 ( 00000036 (	54.) WORD 1 54.) WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE,	RD, NOWRT, NOVEC
_LIB\$KEY1\$	PARSE		00005971 00005971		216.) WORD 1 216.) WORD 1	PIC, USR, CON, REL, LCL, SHR, EXE,	RD, NOWRT, NOVEC
_LIB\$STATE\$	PARSE			00000406 ( 00000406 (	1030.) WORD 1 1030.) WORD 1	PIC, USR, CON, REL, LCL, SHR, EXE,	RD, NOWRT, NOVEC
MSGPTR <b>S</b> AAAAAAA	MESSAGES			00000010 ( 00000010 (	16.) LONG 2 16.) LONG 2	PIC, USR, OVR, REL, LCL, NOSHR, NOEXE,	RD, WRT, VEC
MSGPTR\$AAAAAAB	MESSAGES	00005E10 00005E10	00005E13	00000004 ( 00000004 (	4.) LONG 2 4.) LONG 2	PIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, WRT, VEC
MSGPTR\$AAAAAAAC	MESSAGES	00005E14 00005E14	00005E17 00005E17	00000004 ( 00000004 (	4.) LUNG 2 4.) LONG 2	PIC, USR, OVR, REL, LCL, NOSHR, NOEXE,	RD, WRT, VEC
MSGPTR\$SECTION		00005E18	00005E29	00000012 (	18.) BYTE 0	PIC, USR, CON, REL, LCL, NOSHR, NOEXE,	RD, WRT, VEC

\_\$255\$DUA28:[MSGFIL.OBJ]MESSAGE.EXE;1 16-SEP-1984 04:35 VAX-11 Linker V04-00 Page

Psect Name Module Name Base End Length Align Attributes

18.) BYTE 0 18.) BYTE 0 PIC, USR, CON, REL, LCL, NOSHR, NOEXE, RD, WRT, VEC

00005E18 00005E29 00000012 ( 00005E18 00005E29 00000012 (

MSGPTR\$SECTION

MESSAGES

\_\$255\$DUA28:[MSGFIL.OBJ]MESSAGE.EXE;1

## Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By			
ALLOCATE CLISDCL_PARSE	00004402-R 0000572F-R	PARSE CLISINTERFACE	OBJECT			
CLISDISPATCH CLISGET_VALUE CLISNEXT_QUAL	000057E0-R 000056A3-R 00005821-R	CLISINTERFACE CLISINTERFACE CLISINTERFACE	MAIN			
CLISPRESENT   CLIS_ABSENT	00005660-R 000381F0	CLISINTERFACE CLISGLOBALS CLISGLOBALS	MAIN CLISINTERFACE	MAIN		
CLIS_COMMA CLIS_CONCAT CLIS_DEFAULTED	0003FD39 0003FD29 0003FD21	CLISGLOBALS CLISGLOBALS CLISGLOBALS	CLISINTERFACE CLISINTERFACE CLISINTERFACE	MAIN		
CLIS_LOCNEG CLIS_LOCPRES	00038230 0003FD31	CLI\$GLOBALS CLI\$GLOBALS	CLISINTERFACE CLISINTERFACE	MAIN Main		
CLIS_NEGATED CLIS_NOCOMD CLIS_PRESENT	000381F8 000380B0 0003FD19	CLI\$GLOBALS CLI\$GLOBALS CLI\$GLOBALS	CLISINTERFACE CLISINTERFACE CLISINTERFACE	MAIN MAIN		
CLI FLAGS COMMAND_LINE_DESC COMMENT	00000800-R 00000804-R 00004446-R	MAIN MAIN PARSE	LISTING LISTING	OBJECT	PARSE	
DEALLOCATE ECHO_RECORD	00004424-R 00003804-R	PARSE LISTING	PARSE			
END_CISTING ERROR_SUMMARY FACILITY_BUFFER	00003A8D-R 00003A4F-R 00000BA0-R	LISTING LISTING PARSE	MAIN MAIN			
FACILITY HEADER FACILITY NAME FAC SPACE FILENAME DESC	00000BB8-R 00000BAC-R 00000BCC-R	PARSĒ PARSĒ PARSĒ	OBJECT SDLGEN OBJECT			
IFILE QUEUE HDR	00000814-R 0000080C-R	MAIN Main	OBJECT			
GET MODULE NAME INPUT FAB INPUT LINENUM	000036BD-R 0000081C-R 00000C64-R	MAIN MAIN PARSE	OBJECT LISTING LISTING	PARSE		
INPUT_RAB INPUT_RECORD LIBSFILE_SCAN	0000086C-R 00000C5C-R 00006054-RX	MAIN PARSE LIBRTL	LÍSTÍNG LÍSTING MAIN	PARSE		
LIBSFIND_FILE  LIBSFREE_VM	00006050-RX 00006068-RX	LIBRTL LIBRTL	MAIN CLI\$INTERFACE	MAIN	PARSE	SDLGEN
LIBSGET VM LIBSLP CINES LIBSSIGNAL	0000606C-RX 00006058-kX 00006060-RX	LIBRTL LIBRTL LIBRTL	CLI\$INTERFACE LISTING MAIN	MAIN OBJECT	PARSE PARSE	SDLGEN SDLGEN
LIBSLP_CINES LIBSSIGNAL LIBSSTOP LIBSTPARSE LINE_WITH_VALUE	00006060-RX 0000605C-RX 00006064-RX 00003753-R	LIBRTL LIBRTL LISTING	MAIN PARSE			
LISTING_FAB LISTING_RAB	00000880-R 00000900-R	MAIN Main	PARSE LISTING LISTING			
MDL_COMMENT MDL_DEFINE_CONSTANT MDL_END_STRUC	000047E5-R	MDLGEN MDLGEN MDLGEN	PARSE PARSE PARSE			
MDL_FAB MDL_PUT_RECORD	00000944-R 0000489A-R	MAIN MDLGEN	MDLGEN PARSE			

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B 11 16-SEP-1984 04:35 \_\$255\$DUA28:[MSGFIL.OBJ]MESSAGE.EXE;1 **VAX-11 Linker V04-00** Page 7 Referenced By ... Symbol Value Defined By SYSSGET SYSSOPEN SYSSOPEN SYSSPUT TITLE\_BUFFER TITLE\_TEXT VERSION\_BUFFER VERSION\_NUM WORST\_ERROR 7FFEE180 7FFEE0B0 7FFEE208 7FFEE188 00000BD4-R 00000C54-R 00000C68-R 00000C88-R 00000B9C-R SYS\$P1\_VECTOR SYS\$P1\_VECTOR SYS\$P1\_VECTOR SYS\$P1\_VECTOR PARSE PARSE PARSE PARSE PARSE PARSE MAIN PARSE LISTING MAIN LISTING MDLGEN OBJECT SDLGEN LISTING OBJECT LISTING

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Value Symbols... MESSAGES FACILITY
R-CLI FLAGS
R-COMMAND LINE DESC
R-FILE QUEUE HDR
R-FILENAME DESC
R-INPUT FAB
R-INPUT RAB
R-LISTING FAB
R-MDL FAB 00000097 00000800 00000804 0000080C 00000814 0000081C 0000086C 000008B0 00000900 R-MDL\_FAB R-MDL\_RAB R-MODULE\_NAME 00000994 00000908 000009E0 00000A30 00000A74 00000AC4 00000B5B 00000B9C R-OBJECT\_FAB R-OBJECT\_RAB R-OUTPUT\_FAB R-OUTPUT\_RAB R-OUTPUT RAB
R-OUTPUT RAB
R-SDL FAB
R-SDL FAB
R-SDL FAB
R-WORST ERROR
R-FACILITY BUFFER
R-FACILITY HEADER
R-MESSAGE HEADER
R-FACILITY HEADER
R-SYMBOL HEADER
R-SYMBOL HEADER
R-NUM FACILITIES
R-TITLE BUFFER
R-TITLE BUFFER
R-TITLE TEXT
R-INPUT LINENUM
R-VERSION BUFFER
R-VERSION NUM
R-VERSION NUM
R-RMS ERRÖR
R-GET MODULE NAME
R-VERSION NUM
R-RMS ERRÖR
R-ECHO RECORD
R-NEW PAGE
R-ECHO RECORD
R-NEW PAGE
R-ERRÖR SUMMARY
R-END LISTING
R-PARSE FILE
R-ALLOCATE 00000BA0 00000BAC 00000BB4 00000BB8 00000BBC OOOJOBCO 00000BC4 00000BC8 00000BCC 00000BD0 00000BD4 00000C54 00000050 00000064 0000068 00000088 000034D9 000036BD 00003753 000037B5 000038D4 00003960 00003A4F 00003A8C 00003BB3 00004402 R-ALLOCATE R-DEALLJCATE R-COMMENT 00004424 00004446 R-MDL\_START\_STRUC R-MDL\_DEFINE\_CONSTANT 00004488 000046EE

```
Value
                                                                                                                                                               Symbols...
                                                   R-MDL_END_STRUC
R-MDL_COMMENT
R-MDL_PUT_RECORD
R-OUTPUT_OBJECT
  000047E5
  00004845
  0000489A
  00004908
00004908
00004688
0000528A
0000550B
00005561
                                                   R-SDL_START_MOD
R-SDL_DEFINE_CONSTANT
R-SDL_END_MOD
R-SDL_COMMENT
R-SDL_PUT_RECORD
R-CLISPRESENT
 00005660
000056A3
0000572F
                                                   R-CLISGET_VALUE
R-CLISDCL_PARSE
R-CLISDISPATCH
  000057E0
                                               R-CLISNEXT QUAL
R-PARSE_KETS
R-PARSE_STATES
RX-STRSCOPY_DX
RX-STRSANALTZE_SDESC
  00005821
  00005864
  00005972
00006048
00006050
00006054
00006058
00006056
00006066
00006066
00006066
0000380B0
000380B0
000381F0
0003FD39
0003FD39
0003FD31
0003FD39
0003FD39
0003FD39
0003FD39
0007B01A
0097801A
0097803A
0097804A
0097805A
00978060
                                              RX-LIBSFIND FILE
RX-LIBSFILE SCAN
RX-LIBSLP LINES
RX-LIBSSTOP
                                            RX-LIBSTPARSE
RX-LIBSFREE VM
RX-LIBSGET VM
CLIS_NOCOMD
CLIS_ABSENT
CLIS_NEGATED
CLIS_LOCNEG
CLIS_PRESENT
CLIS_DEFAULTED
CLIS_CONCAT
CLIS_CONCAT
CLIS_COMMA
MSGS_SYMTOOLNG
MSGS_BADVALUE
MSGS_NOMSGS
MSGS_NOMSGS
                                                RX-LIB$SIGNAL
                                                          MSGS_BADVALUE
MSGS_NOMSGS
MSGS_NOSEVER
MSGS_DUPMSG
MSGS_CONFFAC
MSGS_SHARCONF
MSGS_INDEXOVFL
MSGS_DATAOVFL
MSGS_FACOVFL
MSGS_DUPSYM
MSGS_LITCONF
                                                           MSGS_LITCONF
MSGS_NOFACIL
MSGS_NOUNDRSC
  00978068
  00978070
                                                            SYS$CLI
  7FFEDE18
```

SYS\$ASCTIM SYS\$FAO

7FFEDE48 7FFEDF50

\_\$255\$DUA23:[MSGFIL.OBJ]MESSAGE.EXE;1

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_$255$DUA28:[MSGFIL.OBJ]MESSAGE.EXE:1
                                                                       16-SEP-1984 04:35
                                                                                                  VAX-11 Linker V04-00
                                                                                                                                               11
                                                        Image Synopsis!
                                                       00000200 000061FF 00006000 (24576. bytes, 48. pages)
Virtual memory allocated:
Stack size:
                                                              20. pages
Image header virtual block limits:
                                                                                   1. block)
Image binary virtual block limits:
                                                                         49. (
                                                                                  48. blocks)
Image name and identification:
Number of files:
                                                        MESSAGE V04-000
Number of modules:
Number of program sections:
Number of global symbols:
Number of cross references:
Number of image sections:
                                                             344.
270.
User transfer address:
                                                       00003003
Number of code references to shareable images:
                                                        EXECUTABLE
Image type:
Map format:
                                                       FULL WITH CROSS REFERENCE in file $255$DUA28:[MSGFIL.LIS]MESSAGE.MAP:1
                                                        94. blocks
Estimated map length:
                                                    ! Link Run Statistics !
                                                        Page Faults
Performance Indicators
                                                                       CPU Time
                                                                                         Elapsed Time
                                                                       00:00:00.19
                                                                                         00:00:00.82
    Command processing:
    Pass 1:
                                                                150
                                                                       00:00:01.62
                                                                                         00:00:09.45
                                                                 29
76
                                                                       00:00:00.18
00:00:01.30
    Allocation/Relocation:
                                                                                         00:00:02.66
    Pass 2:
                                                                                         00:00:05.97
    Map data after object module synopsis:
                                                                       00:00:00.89
                                                                                         00:00:01.05
    Symbol table output:
                                                                       00:00:00.02
                                                                                         00:00:00.27
                                                                334
                                                                                         00:00:20.22
Total run values:
                                                                       00:00:04.20
Using a working set limited to 1050 pages and 67 pages of data storage (excluding image)
Total number object records read (both passes): 954
of which 468 were in libraries and 108 were DEBUG data records containing 7012 bytes
Number of modules extracted explicitly
    with 9 extracted to resolve undefined symbols
52 library searches were for symbols not in the library searched
A total of O global symbol table records was written
LINK/USERLIB=PROC/EXE=EXES:MESSAGE/MAP=MAPS:MESSAGE/CROSS/FULL/NOTRACE LIBS:MESSAGE/LIB/INCLUDE=MAIN
```

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